1600

BIOTECHNOLOGY SYSTEMS BRANCH

#8

CRF Problem Report

The Scientific and Technical Information Center (STIC) experienced a pr blem when processing the following computer readable form (CRF):

Application Serial Number: 09/691,344
Filing Date: 10/18/2000
Date Processed by STIC: 2/15/2002

STIC Contact: **Mark Spencer, 703-308-4212**

Nature of Problem:

The CRF (was):

__✓__ (circle one) Damaged or Unreadable (for Unreadable, see attached)
____ Blank (no files on CRF) (see attached)
____ Empty file (filename present, but no bytes in file) (see attached)
____ Virus-infected. Virus name: _____ The STIC will not process the CRF.
____ Not saved in ASCII text
____ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should **only** be the Sequence Listing.
____ Did not contain a Sequence Listing. (see attached sample)
____ Other:

_____

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http:/www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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Revised 01/29/2002

R. Mitra

#1 #11

5/15/02

1653

RAW SEQUENCE LISTING DATE: 05/15/2002
PATENT APPLICATION: US/09/691,344A TIME: 10:59:03

Input Set : N:\Crf3\Refhold\I691344A.raw
Output Set: N:\CRF3\05152002\I691344A.raw

ENTERED

<110> APPLICANT: Donoho, Gregory
Turner, C. Alexander Jr.
Nehls, Michael
Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.
<120> TITLE OF INVENTION: Novel Human Proteins and Polynucleotides
Encoding the Same
<130> FILE REFERENCE: LEX-0071-USA
C--> 10 **<140> CURRENT APPLICATION NUMBER: US/09/691,344A**
C--> 11 **<141> CURRENT FILING DATE: 2000-10-18**
<150> PRIOR APPLICATION NUMBER: US 60/160,285
<151> PRIOR FILING DATE: 1999-10-19
<150> PRIOR APPLICATION NUMBER: US 60/183,583
<151> PRIOR FILING DATE: 2000-02-18
<160> NUMBER OF SEQ ID NOS: 7
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acctgtgctt ctgactatct tctcttcacc agctcttcag atcaatatgg tccatactgt 180
ggaagtatga ctgttcccaa agaactcttg ttgaacacaa gtgaagtaac cgtccgcttt 240
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ccagatttaa taacatgttt ggaacgagct agccattatt tgaagacaga atacagcaaa 360
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caggaccaag gcccatcatg ggcttcgggc gacagtagca acaaccacaa accacgagag 780
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RAW SEQUENCE LISTING DATE: 05/15/2002
PATENT APPLICATION: US/09/691,344A TIME: 10:59:03

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gcggaggctc agaaaacaga ctgttggaag cagattaaat atccctttgc cagacatcag 1380
tcagctgagt ttaccatcag ctatgataat gagaaggaga tgacacaaaa gttagatctc 1440
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<213> ORGANISM: homo sapiens
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Gly Asp Leu Asp Ile Glu Ser Gln Thr Cys Ala Ser Asp Tyr Leu Leu
35 40 45
Phe Thr Ser Ser Ser Asp Gln Tyr Gly Pro Tyr Cys Gly Ser Met Thr
50 55 60
Val Pro Lys Glu Leu Leu Leu Asn Thr Ser Glu Val Thr Val Arg Phe
65 70 75 80
Glu Ser Gly Ser His Ile Ser Gly Arg Gly Phe Leu Leu Thr Tyr Ala
85 90 95
Ser Ser Asp His Pro Asp Leu Ile Thr Cys Leu Glu Arg Ala Ser His
100 105 110
Tyr Leu Lys Thr Glu Tyr Ser Lys Phe Cys Pro Ala Gly Cys Arg Asp
115 120 125
Val Ala Gly Asp Ile Ser Gly Asn Met Val Asp Gly Tyr Arg Asp Thr
130 135 140
Ser Leu Leu Cys Lys Ala Ala Ile His Ala Gly Ile Ile Ala Asp Glu
145 150 155 160
Leu Gly Gly Gln Ile Ser Val Leu Gln Arg Lys Gly Ile Ser Arg Tyr
165 170 175
Glu Gly Ile Leu Ala Asn Gly Val Leu Ser Arg Asp Gly Ser Leu Ser
180 185 190
Asp Lys Arg Phe Leu Phe Thr Ser Asn Gly Cys Ser Arg Ser Leu Ser
195 200 205
Phe Glu Pro Asp Gly Gln Ile Arg Ala Ser Ser Ser Trp Gln Ser Val
210 215 220
Asn Glu Ser Gly Asp Gln Val His Trp Ser Pro Gly Gln Ala Arg Leu
225 230 235 240
Gln Asp Gln Gly Pro Ser Trp Ala Ser Gly Asp Ser Ser Asn Asn His
245 250 255
Lys Pro Arg Glu Trp Leu Glu Ile Asp Leu Gly Glu Lys Lys Lys Ile
260 265 270
Thr Gly Ile Arg Thr Thr Gly Ser Thr Gln Ser Asn Phe Asn Phe Tyr
275 280 285
Val Lys Ser Phe Val Met Asn Phe Lys Asn Asn Asn Ser Lys Trp Lys
290 295 300
Thr Tyr Lys Gly Ile Val Asn Asn Glu Glu Lys Val Phe Gln Gly Asn
305 310 315 320

RAW SEQUENCE LISTING DATE: 05/15/2002
PATENT APPLICATION: US/09/691,344A TIME: 10:59:03

Input Set : N:\Crf3\Refhold\I691344A.raw
Output Set: N:\CRF3\05152002\I691344A.raw

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96                       325                 330                 335
97       Ala Arg Tyr Val Arg Val Val Pro Gln Thr Trp His Gln Arg Ile Ala
98                   340                 345                 350
99       Leu Lys Val Glu Leu Ile Gly Cys Gln Ile Thr Gln Gly Asn Asp Ser
100                355                 360                 365
101       Leu Val Trp Arg Lys Thr Ser Gln Ser Thr Ser Val Ser Thr Lys Lys
102           370                 375                 380
103       Glu Asp Glu Thr Ile Thr Arg Pro Ile Pro Ser Glu Glu Thr Ser Thr
104       385                 390                 395                 400
105       Gly Ile Asn Ile Thr Thr Val Ala Ile Pro Leu Val Leu Leu Val Val
106                       405                 410                 415
107       Leu Val Phe Ala Gly Met Gly Ile Phe Ala Ala Phe Arg Lys Lys Lys
108                   420                 425                 430
109       Lys Lys Gly Ser Pro Tyr Gly Ser Ala Glu Ala Gln Lys Thr Asp Cys
110                435                 440                 445
111       Trp Lys Gln Ile Lys Tyr Pro Phe Ala Arg His Gln Ser Ala Glu Phe
112           450                 455                 460
113       Thr Ile Ser Tyr Asp Asn Glu Lys Glu Met Thr Gln Lys Leu Asp Leu
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115       Ile Thr Ser Asp Met Ala Gly
116                       485
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120 <212> TYPE: DNA
121 <213> ORGANISM: homo sapiens
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124       gaggcggccc ggcccgggca gctgcggctc gggatccgtc gaggggaggc cgagcttgcc     120
125       aagctggcgc ccagcggggt catggtgccc ggcgcccgcg gcggcggcgc actggcgcgg     180
126       gctgccgggc ggggcctcct ggctttgctg ctcgcggtct ccgccccgct ccggctgcag     240
127       gcggaggagc tgggtgatgg ctgtggacac ctagtgactt atcaggatag tggcacaatg     300
128       acatctaaga attatcccgg gacctacccc aatcacactg tttgcgaaaa gacaattaca     360
129       gtaccaaagg ggaaaagact gattctgagg ttgggagatt tggatatcga atcccagacc     420
130       tgtgcttctg actatcttct cttcaccagc tcttcagatc aatatggtcc atactgtgga     480
131       agtatgactg ttcccaaaga actcttgttg aacacaagtg aagtaaccgt ccgctttgag     540
132       agtggatccc acatttctgg ccggggtttt ttgctgacct atgcgagcag cgaccatcca     600
133       gatttaataa catgtttgga acgagctagc cattatttga agacagaata cagcaaattc     660
134       tgcccagctg gttgtagaga cgtagcagga gacatttctg ggaatatggt agatggatat     720
135       agagatacct ctttattgtg caaagctgcc atccatgcag gaataattgc tgatgaacta     780
136       ggtggccaga tcagtgtgct tcagcgcaaa gggatcagtc gatatgaagg gattctggcc     840
137       aatggtgttc tttcgaggga tggttccctg tcagacaagc gatttctgtt tacctccaat     900
138       ggttgcagca gatccttgag ttttgaacct gacgggcaaa tcagagcttc ttcctcatgg     960
139       cagtcggtca atgagagtgg agaccaagtt cactggtctc ctggccaagc ccgacttcag    1020
140       gaccaaggcc catcatgggc ttcgggcgac agtagcaaca accacaaacc acgagagtgg    1080
141       ctggagatcg atttgggggа gaaaaagaaa ataacaggaa ttaggaccac aggatctaca    1140
142       cagtcgaact tcaactttta tgttaagagt tttgtgatga acttcaaaaa caataattct    1200
143       aagtggaaga cctataaagg aattgtgaat aatgaagaaa aggtgtttca gggtaactct    1260
144       aactttcggg acccagtgca aaacaatttc atccctccca tcgtggccag atatgtgcgg    1320
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RAW SEQUENCE LISTING DATE: 05/15/2002
PATENT APPLICATION: US/09/691,344A TIME: 10:59:04

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Output Set: N:\CRF3\05152002\I691344A.raw

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attacacaag gtaatgattc attggtgtgg cgcaagacaa gtcaaagcac cagtgtttca 1440
actaagaaag aagatgagac aatcacaagg cccatccccc cggaagaaac atccacagga 1500
ataaacatta caacggtggc tattccattg gtgctccttg ttgtcctggt gtttgctgga 1560
atggggatct ttgcagcctt tagaaagaag aagaagaaag gaagtccgta tggatcagcg 1620
gaggctcaga aaacagactg ttggaagcag attaaatatc cctttgccag acatcagtca 1680
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acaagtgata tggcaggtta a 1761

<210> SEQ ID NO: 4
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<212> TYPE: PRT
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20 25 30
Arg Arg Gly Glu Ala Glu Leu Ala Lys Leu Ala Pro Ser Gly Val Met
35 40 45
Val Pro Gly Ala Arg Gly Gly Gly Ala Leu Ala Arg Ala Ala Gly Arg
50 55 60
Gly Leu Leu Ala Leu Leu Leu Ala Val Ser Ala Pro Leu Arg Leu Gln
65 70 75 80
Ala Glu Glu Leu Gly Asp Gly Cys Gly His Leu Val Thr Tyr Gln Asp
85 90 95
Ser Gly Thr Met Thr Ser Lys Asn Tyr Pro Gly Thr Tyr Pro Asn His
100 105 110
Thr Val Cys Glu Lys Thr Ile Thr Val Pro Lys Gly Lys Arg Leu Ile
115 120 125
Leu Arg Leu Gly Asp Leu Asp Ile Glu Ser Gln Thr Cys Ala Ser Asp
130 135 140
Tyr Leu Leu Phe Thr Ser Ser Ser Asp Gln Tyr Gly Pro Tyr Cys Gly
145 150 155 160
Ser Met Thr Val Pro Lys Glu Leu Leu Leu Asn Thr Ser Glu Val Thr
165 170 175
Val Arg Phe Glu Ser Gly Ser His Ile Ser Gly Arg Gly Phe Leu Leu
180 185 190
Thr Tyr Ala Ser Ser Asp His Pro Asp Leu Ile Thr Cys Leu Glu Arg
195 200 205
Ala Ser His Tyr Leu Lys Thr Glu Tyr Ser Lys Phe Cys Pro Ala Gly
210 215 220
Cys Arg Asp Val Ala Gly Asp Ile Ser Gly Asn Met Val Asp Gly Tyr
225 230 235 240
Arg Asp Thr Ser Leu Leu Cys Lys Ala Ala Ile His Ala Gly Ile Ile
245 250 255
Ala Asp Glu Leu Gly Gly Gln Ile Ser Val Leu Gln Arg Lys Gly Ile
260 265 270
Ser Arg Tyr Glu Gly Ile Leu Ala Asn Gly Val Leu Ser Arg Asp Gly
275 280 285

RAW SEQUENCE LISTING DATE: 05/15/2002
PATENT APPLICATION: US/09/691,344A TIME: 10:59:04

Input Set : N:\Crf3\Refhold\I691344A.raw
Output Set: N:\CRF3\05152002\I691344A.raw

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196           290                 295                 300
197       Ser Leu Ser Phe Glu Pro Asp Gly Gln Ile Arg Ala Ser Ser Ser Trp
198       305                 310                 315                 320
199       Gln Ser Val Asn Glu Ser Gly Asp Gln Val His Trp Ser Pro Gly Gln
200                       325                 330                 335
201       Ala Arg Leu Gln Asp Gln Gly Pro Ser Trp Ala Ser Gly Asp Ser Ser
202                   340                 345                 350
203       Asn Asn His Lys Pro Arg Glu Trp Leu Glu Ile Asp Leu Gly Glu Lys
204               355                 360                 365
205       Lys Lys Ile Thr Gly Ile Arg Thr Thr Gly Ser Thr Gln Ser Asn Phe
206           370                 375                 380
207       Asn Phe Tyr Val Lys Ser Phe Val Met Asn Phe Lys Asn Asn Asn Ser
208       385                 390                 395                 400
209       Lys Trp Lys Thr Tyr Lys Gly Ile Val Asn Asn Glu Glu Lys Val Phe
210                       405                 410                 415
211       Gln Gly Asn Ser Asn Phe Arg Asp Pro Val Gln Asn Asn Phe Ile Pro
212                   420                 425                 430
213       Pro Ile Val Ala Arg Tyr Val Arg Val Val Pro Gln Thr Trp His Gln
214               435                 440                 445
215       Arg Ile Ala Leu Lys Val Glu Leu Ile Gly Cys Gln Ile Thr Gln Gly
216           450                 455                 460
217       Asn Asp Ser Leu Val Trp Arg Lys Thr Ser Gln Ser Thr Ser Val Ser
218       465                 470                 475                 480
219       Thr Lys Lys Glu Asp Glu Thr Ile Thr Arg Pro Ile Pro Ser Glu Glu
220                       485                 490                 495
221       Thr Ser Thr Gly Ile Asn Ile Thr Thr Val Ala Ile Pro Leu Val Leu
222                   500                 505                 510
223       Leu Val Val Leu Val Phe Ala Gly Met Gly Ile Phe Ala Ala Phe Arg
224               515                 520                 525
225       Lys Lys Lys Lys Lys Gly Ser Pro Tyr Gly Ser Ala Glu Ala Gln Lys
226           530                 535                 540
227       Thr Asp Cys Trp Lys Gln Ile Lys Tyr Pro Phe Ala Arg His Gln Ser
228       545                 550                 555                 560
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241       tgtggacacc tagtgactta tcaggatagt ggcacaatga catctaagaa ttatcccggg     180
242       acctacccca atcacactgt ttgcgaaaag acaattacag taccaaaggg gaaaagactg     240
243       attctgaggt tgggagattt ggatatcgaa tcccagacct gtgcttctga ctatcttctc     300
244       ttcaccagct cttcagatca atatggtcca tactgtggaa gtatgactgt tcccaaagaa     360
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VERIFICATION SUMMARY DATE: 05/15/2002
PATENT APPLICATION: **US/09/691,344A** TIME: 10:59:05

Input Set : **N:\Crf3\Refhold\I691344A.raw**
Output Set: **N:\CRF3\05152002\I691344A.raw**

L:10 M:270 C: Current Application Number differs, Wrong Format
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date